

JPOXMLDOC01-seq1.app
 SEQUENCE LISTING

<110> Japan Science and Technology Agency

<120> Genetic markers that link to the QTL of resistance to
 barley yellow mosaic virus, and usage thereof

<130> A181-10PCT

<150> JP 2004-090644
 <151> 2004-3-25

<150> JP 2004-342737
 <151> 2004-11-26

<160> 62

<170> PatentIn Ver. 2.1

<210> 1
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<220>
 <223> Description of Artificial Sequence:Artificially
 synthesized primer sequence

<400> 1
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<210> 2
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<220>
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 synthesized primer sequence

<400> 2
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<210> 3
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<220>
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<210> 4
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<220>
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 synthesized primer sequence

<400> 4

gcagcttttg agttcgttcc

20

<210> 5

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially
synthesized primer sequence

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ctgtttggat gactgcgaga

20

<210> 6

<211> 20

<212> DNA

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<223> Description of Artificial Sequence:Artificially
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<210> 7

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially
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<210> 8

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<212> DNA

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<223> Description of Artificial Sequence:Artificially
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agtcggaaca tgcggtacac

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<210> 9

<211> 21

<212> DNA

<213> Hordeum vulgare

<400> 9

atcttcigca ggcacttgtc g

21

<210> 10

<211> 21

<212> DNA

<213> Hordeum vulgare

<400> 10
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<210> 11
<211> 21
<212> DNA
<213> Hordeum vulgare

<400> 11
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<210> 12
<211> 21
<212> DNA
<213> Hordeum vulgare

<400> 12
tgccgtggcc atgcacgatg a 21

<210> 13
<211> 21
<212> DNA
<213> Hordeum vulgare

<400> 13
attactcagc tacacaccta t 21

<210> 14
<211> 21
<212> DNA
<213> Hordeum vulgare

<400> 14
attactcagc cacacaccta t 21

<210> 15
<211> 688
<212> DNA
<213> Hordeum vulgare

<400> 15
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aagcgctcc gcatgcccct tggatgaat 688

<210> 16
<211> 645
<212> DNA
<213> Hordeum vulgare

<400> 16
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<210> 17
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 <213> Hordeum vulgare

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tgacaccctt ctgcctcatg gccccgggcg ttgaac 696

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<210> 18
 <211> 738
 <212> DNA
 <213> Hordeum vulgare

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<400> 18
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acagtgggtg tgaagagac gtaaccaatc taggaacata catgggcaag gaatgacccc 240
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gaaacagatt tcttttaaca aataagaatt cgactactcc ttagatatct aaagatggat 660
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<210> 19
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially
 synthesized primer sequence

<400> 19
 acgatcgatc aaaaggacca

<210> 20
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
synthesized primer sequence

<400> 20
aatccgacga aatcaacgag 20

<210> 21
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
synthesized primer sequence

<400> 21
ctcgatcatc agcgacttca 20

<210> 22
<211> 20
<212> DNA
<213> Artificial Sequence

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<400> 22
gaagaggcac cttctgcaac 20

<210> 23
<211> 20
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially
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<400> 23
aatgtgcaca ccaaggttga 20

<210> 24
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
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<400> 24
agacaacaac cgccgtgacc 20

<210> 25

<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
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<400> 25
gatgagtcct gagtaaacc 19

<210> 26
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
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<400> 26
gactgcgtac caattcacg 19

<210> 27
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
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<400> 27
tccagccgaa caatttcctg 20

<210> 28
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
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<400> 28
agtactccga caccaggtcc 20

<210> 29
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
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<400> 29
gatgagtcct gagtaaatt 19

<210> 30
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
synthesized primer sequence

<400> 30
gactgcgtac caattcacg

19

<210> 31
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
synthesized primer sequence

<400> 31
gatgagtcct gagtaaata

19

<210> 32
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
synthesized primer sequence

<400> 32
gactgcgtac caattcgga

19

<210> 33
<211> 20
<212> DNA
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<223> Description of Artificial Sequence:Artificially
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<400> 33
atggacccaa caagtggaag

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<210> 34
<211> 20
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially
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<400> 34
aggaagactt tggaggccat

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<210> 35
<211> 19
<212> DNA
<213> Artificial Sequence

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<400> 35
gatgagtcct gagtaatgg 19

<210> 36
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
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<400> 36
gactgcgtac caattcgga 19

<210> 37
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
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<400> 37
gatgagtcct gagtaacaa 19

<210> 38
<211> 19
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially
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<400> 38
gactgcgtac caattcggg 19

<210> 39
<211> 19
<212> DNA
<213> Artificial Sequence

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synthesized primer sequence

<400> 39
gatgagtcct gagtaaacg 19

<210> 40
<211> 19
<212> DNA
<213> Artificial Sequence

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<400> 40

gactgcgtac caattccat

19

<210> 41

<211> 19

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially
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<400> 41

gatgagtcct gagtaaatg

19

<210> 42

<211> 19

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially
synthesized primer sequence

<400> 42

gactgcgtac caattcata

19

<210> 43

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially
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<400> 43

gatgagtcct gagtaaacg

19

<210> 44

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially
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<400> 44

gactgcgtac caattcgat

19

<210> 45

<211> 19

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially
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<400> 45

gatgagtcct gagtaaacg

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<210> 46
<211> 19
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially
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<400> 46
gactgcgtac caattcgga 19

<210> 47
<211> 16
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially
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<400> 47
gacgatgagt cctgag 16

<210> 48
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
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<400> 48
tactcaggac tcac 14

<210> 49
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
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<400> 49
ctcgtagact gcgtacc 17

<210> 50
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
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<400> 50
aattggtacg cagtctac 18

<210> 51
<211> 16
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially synthesized primer sequence

<400> 51

gatgagtcct gagtaa

16

<210> 52

<211> 16

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Artificially synthesized primer sequence

<400> 52

gacigcgtac caattc

16

<210> 53

<211> 664

<212> DNA

<213> Hordeum vulgare

<220>

<221> unsure

<222> (10)

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 cgccggccacg gaacagagcg tcaccgccac ggaacagagc gtcaccacca cggaaggagg 600
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 caac 664

<210> 54

<211> 545

<212> DNA

<213> Hordeum vulgare

<400> 54

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 aagcaagccc tggggtcttc aaaaggcaat cgaccaatct tcttgigtgg cctcagtgg 300
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 ttggc 545

<210> 55

<211> 21

<212> DNA

<213> Hordeum vulgare

<400> 55

cttatgtgat cataatactig c

21

<210> 56

<211> 21

<212> DNA

<213> Hordeum vulgare

<400> 56

cttatgtgat aataatactig c

21

<210> 57

<211> 514

<212> DNA

<213> Hordeum vulgare

<400> 57

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<210> 58

<211> 21

<212> DNA

<213> Hordeum vulgare

<400> 58

agccitccac tggatcatt t

21

<210> 59

<211> 21

<212> DNA

<213> Hordeum vulgare

<400> 59

agccitccac cggtatcatt t

21

<210> 60

<211> 540

<212> DNA

<213> Hordeum vulgare

<220>

<221> unsure

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<400> 60

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acaaatgaac tattacgggt gaaatagtaa agaatagggc gatccagaag gcgccgacga 420
gggggacggc gccccagagc agggccgagg cgagccccac cgccctgccg atccagtgca 480

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ccgcgtccag cagctgggtcc ttgtccaagg acgcgtcggg gtcgaggtac cgggcgagcc 540

<210> 61
<211> 21
<212> DNA
<213> Hordeum vulgare

<400> 61
tttatgtgcc ttagcggtt g 21

<210> 62
<211> 21
<212> DNA
<213> Hordeum vulgare

<400> 62
tttatgtgcc ggtagcggtt g 21